



#5

# SEQUENCE LISTING

<110> Rothstein, Rodney

Zhao, Xiaolan

<120> A SMALL PROTEIN THAT INTERACTS WITH A RIBONUCLEOTIDE REDUCTASE  
SUBUNIT AND USES THEREOF

<130> 0575/56615-A-PCT-US

<140> 09/814,661

<141> 2001-03-22

<160> 27

<170> PatentIn version 3.1

<210> 1

<211> 1158

<212> DNA

<213> S. Cerevisiae

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tacttccaac taagagcatg cttctctttt tttttgtagg ccaatgatag gaaagaacaa 180  
tagattataa atacgtcaga atatagtaga tatgttttta tgttttagacc tcgtacatag 240  
gaataattga cgtttttttt tggccaacat ttgaaatttt tttttgttac ctgcgcgtga 300  
gccccaaacgg gctccactac ccgcccgggt cgccattttg ggaagtcac cgtcccaaaa 360

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aggaaatagc cataacatat cgttactggt ttggaacatc gcccgtttcg cccgattccg      420
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ttcccgctat gcaaaattcc caagactact tttacgctca aaatcgctgc caacaacaac      600
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<210> 2

<211> 104

<212> PRT

<213> S. Cerevisiae

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Met Gln Asn Ser Gln Asp Tyr Phe Tyr Ala Gln Asn Arg Cys Gln Gln
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Gln Gln Ala Pro Ser Thr Leu Arg Thr Val Thr Met Ala Glu Phe Arg
20           25           30

```

```

Arg Val Pro Leu Pro Pro Met Ala Glu Val Pro Met Leu Ser Thr Gln
35           40           45

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Asn Ser Met Gly Ser Ser Ala Ser Ala Ser Ala Ser Ser Leu Glu Met
50           55           60

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Trp Glu Lys Asp Leu Glu Glu Arg Leu Asn Ser Ile Asp His Asp Met  
65 70 75 80

Asn Asn Asn Lys Phe Gly Ser Gly Glu Leu Lys Ser Met Phe Asn Gln  
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Gly Lys Val Glu Glu Met Asp Phe  
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<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

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<212> DNA

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<211> 65

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acacg 65

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<211> 65

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aaacg 65

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<211> 65

<212> DNA

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<210> 9

<211> 68

<212> DNA

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<210> 10

<211> 69

<212> DNA

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<223> Description of Artificial Sequence: Primer

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<210> 11

<211> 31

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

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<210> 12

<211> 28

<212> DNA

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<223> Description of Artificial Sequence: Primer

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<210> 13

<211> 28

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

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<210> 14

<211> 31

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<223> Description of Artificial Sequence: Primer

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<210> 15

<211> 28

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<223> Description of Artificial Sequence: Primer

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<210> 16

<211> 28

<212> DNA

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<223> Description of Artificial Sequence: Primer

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<210> 17

<211> 28

<212> DNA

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<210> 18

<211> 29

<212> DNA

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<223> Description of Artificial Sequence: Primer

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29

<210> 19

<211> 29

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

<400> 19

gcgtgtcgac ggccttctta caaggacag

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<210> 20



<211> 27

<212> DNA

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<223> Description of Artificial Sequence: Primer

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<210> 21

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<212> DNA

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<223> Description of Artificial Sequence: Primer

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<210> 22

<211> 26

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

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26

<210> 23

<211> 27

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: PCR Oligonucleotide

<400> 23

caataatttc cccatatgca aaattcc

27

<210> 24

<211> 30

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: PCR Oligonucleotide

<400> 24

aaaggatcct tagaagtcca tttcctcgac

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<210> 25

<211> 9

<212> PRT

<213> Peptide

<400> 25

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<212> PRT

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<400> 26

Lys Glu Ile Asn Phe Asp Asp Asp Phe  
1 5

<210> 27

<211> 9

<212> PRT

<213> Peptide

<400> 27

Gln Gly Lys Val Glu Glu Met Asp Phe  
1 5